

IN THE CLAIMS:

Please amend claims 1 and 2 as follows:

LISTING OF CURRENT CLAIMS

Claim 1. (Currently Amended) A controlled method for ~~the~~ an energy-saving and energy-releasing refrigerating air conditioner ~~where the~~ wherein a refrigerating requirement is greater than a ~~heating-produced~~ heating requirement during circulation, and where ~~the~~ a refrigerating temperature is greater than a setting refrigerating temperature, an energy-saving and energy-releasing refrigerating air conditioning system forces performing refrigerating circulation, which the method comprising the steps of:

(1) in ~~the~~ cases where ~~the~~ a 2nd refrigerant back-flow temperature is greater than ~~the~~ a 2nd setting temperature with adding setting temperature range, and where ~~the~~ a first refrigerant back-flow temperature is greater than ~~the~~ a first setting temperature with adding setting temperature range, the refrigerating air conditioning system automatically chooses ~~the~~ a 2nd refrigerant circular loop as circulation, and ~~the~~ 2nd refrigerant flow controllers therefore are all opened, and ~~the~~ a refrigerant flow rate is at a maximum flow rate ~~in the means time, however, the flow of the rate,~~
a flow of a first refrigerant flow controller is at the a minimum flow rate, and the a storage means is performing ~~cooling-releasing~~ a cool-releasing action;

(2) in the cases where the 2nd refrigerant back-flow temperature is less than or equal to the 2nd setting temperature with adding setting temperature range, and where the second refrigerant back-flow temperature is greater than or equal to the second setting temperature, the first and the second refrigerant circular loops are acting at the same time, and the refrigerant flow rate of the second refrigerant flow controller is a direct ratio to the second refrigerant back-flow temperature, as a result, the refrigerant flow rate is automatically adjusted and ~~makes~~ increases the refrigerant flow rate of the first refrigerant flow controller ~~is relatively great. Besides,~~
controller, the storage means ~~will perform cooling-saving and cooling-releasing actions,~~ performing a cool-saving action and the cool-releasing action, and will

~~gradually make~~ making the cooling-releasing cool-releasing action ~~to~~ into the cooling-saving action;

(3) in the cases where the 2nd refrigerant back-flow temperature is less than
30 the 2nd setting temperature, and where the first refrigerant back-flow temperature
is greater than or equal to the first setting temperature, the refrigerating air
conditioning system automatically chooses the first refrigerant circular loop as
circulation, and the flow of 2nd refrigerant flow controllers in the means time is at a
minimum flow ~~rate. However, rate,~~ the flow of the first refrigerant flow controller is
35 at ~~the~~ a maximum flow rate, and the storage means is performing ~~cooling-saving; the~~
cool-saving action; and

(4) while the temperature of storage means is less than or equal to the setting
temperature, the central air conditioner will stop operation.

Claim 2. (Currently Amended) A controlled method for ~~the~~ an energy-saving
and energy-releasing refrigerating air conditioner ~~where the~~ wherein a refrigerating
requirement is less than or equal to ~~the~~ a setting refrigerating temperature during
circulation, and ~~where the~~ wherein a ~~heating-produced~~ heat-produced temperature
5 is less than a setting heating-produced temperature, an energy-saving and energy-
releasing refrigerating air conditioning system forces performing heating-produced
circulation, which the method comprising the steps of:

(1) in ~~the~~ cases where ~~the~~ a first refrigerant back-flow temperature is less
than ~~the~~ a first setting temperature, and where ~~the~~ a second refrigerant back-flow
10 temperature is less than ~~the~~ a second setting temperature, the refrigerating air
conditioning system automatically chooses ~~the~~ a first refrigerant circular loop as
circulation, and ~~the~~ first refrigerant flow controllers ~~therefore~~ are all opened, and ~~the~~
a refrigerant flow rate is at maximum flow ~~rate in the means time, however, the flow~~
~~of the rate,~~ a flow of the second refrigerant flow controller is at ~~the~~ a minimum flow
15 rate, and ~~the~~ a storage means is performing ~~cooling-releasing~~ a heat-releasing
action;

(2) in the cases where the first refrigerant back-flow temperature is less than
or equal to the first setting temperature with adding setting temperature range, and
where the first refrigerant back-flow temperature is greater than or equal to the first

20 setting temperature, the first and the second refrigerant circular loops are acting at
the same time, and the refrigerant flow rate of the first refrigerant flow controller is
an inverse ratio to the first refrigerant back-flow temperature, and while the first
refrigerant back-flow temperature is greater, the refrigerant flow rate of the first
refrigerant flow controller is ~~smaller, small~~, and as a result, the refrigerant flow rate
25 is automatically adjusted and the refrigerant flow rate of the second refrigerant flow
controller is ~~relatively great, besides, increased~~, the storage means will perform
~~heating-saving and heating-releasing actions, a heat-saving action and the heat-~~
~~releasing action, and will gradually make makes the heating-releasing heat-releasing~~
action to into the heating-saving heat-saving action;

30 (3) in the cases where the first refrigerant back-flow temperature is greater
than the first setting temperature with adding setting temperature range, and where
the second refrigerant back-flow temperature is greater than or equal to the second
setting temperature, the refrigerating air conditioning system automatically makes
heating-releasing action to the heating-saving action and automatically chooses the
35 second refrigerant circular loop as circulation, and the flow of the first refrigerant flow
controllers in the means time is at minimum flow rate, ~~and however~~, the flow of the
second refrigerant flow controller is at ~~the a~~ maximum flow rate, and the storage
means is performing ~~heating-saving the heat-saving~~ action; and

40 (4) while the temperature of storage means is greater than or equal to the
setting temperature, the central air conditioner will stop operation and complete the
energy-saving operation.